



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/820,144
Applicant : Esther H. Chang
Filed : April 8, 2004
TC/A.U. : 1632
Examiner :

Docket No. : 2444-116
Customer No. : 06449
Confirmation No. : 6653

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith Form PTO-1449 listing publications that the Office may wish to consider in examination of the subject application.

Pursuant to 1.98(d), copies of the references are not included because they were previously submitted to the Office in prior application Serial No. 09/856,270, filed May 18, 2001, and to which priority is or has been claimed under 35 USC § 120.

Respectfully submitted,

By Barbara G. Ernst
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

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Filing Date	April 8, 2004
First Named Inventor	Esther H. Chang
Group Art Unit	1632
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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	AA	5,693,509		Cotten et al.	Dec. 12, 1997
	AB	5,962,311		Wickham et al.	Oct. 5, 1999
	AC	5,994,109		Woo et al.	Nov. 30, 1999
	AD	6,410,010		Zhang et al.	June 25, 2002
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
	AE	PCT	WO 94/24299		Boehringer Ingelheim Int'l GmbH	Oct. 27, 1994	
	AF	PCT	WO 97/38723		Immusol Inc.	Oct. 23, 1997	
	AG	PCT	WO 98/40508		Barbara Sosnowski et al.	Sep. 17, 1998	
Examiner Signature						Date Considered	

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
	AH	CARDUCCI et al., Rental, Bladder and prostate cancers: gene therapy; Diagnosis and Treatment of Genitourinary Malignancies, 1996, Kluwer Academic Publishers. Boston.		
	AI	COOPER, Oncogenes, 1990 by Jones and Bartlett Publishers; ISBN 0-86720-136-3		
	AJ	DEONARAIN, "Ligand-targeted receptor-mediated vectors for gene delivery," Expert Opinion on Therapeutics Patents, GB, Ashley Publications, 8(1):53-69, January 1998.		
	AK	DOUGLAS et al., "Targeted adenoviral vectors for cancer gene therapy (Review)," <i>International Journal of Oncology</i> , 1997, pp. 341-348, vol. 11.		
	AL	ECK et al., Goodman & Gilman's The Pharmacological Basis of Therapeutics, McGraw-Hill, New York, 1996, pp. 77-101		
	AM	FEIGELSON et al., Genetic Susceptibility to Cancer from exogenous and Endogenous Exposures; <i>Journal of Cellular Biochemistry</i> , 1996, pp. 15-22, vol. 255		
	AN	GURA, T., "Systems for Identifying New Drugs Are Often Faulty," <i>Science</i> , November 7, 1997, pp. 1041-1042, vol. 278.		
	AO	HULME; Receptor-Ligand Interactions-A practical Approach; Oxford University Press, Walton Street, Oxford OX2 6DP, ISBN 0-19-963090-9.		
	AP	MICHAEL et al., "Strategies to achieve targeted gene delivery via the receptor-mediated endocytosis pathway," <i>Gene Therapy</i> 1:223-232, 1994.		
	AQ	MILLER et al., "Targeted vectors for gene therapy," <i>FASEB Journal</i> , U.S. Fed. of American Society for Experimental Biology, 9(2): 190-1999, February 1, 1995.		
	AR	Report and Recommendations of the Panel to Assess the NIH Investment Research on Gene Therapy. 12/7/1995.		
	AS	STAVRIDIS et al., "Construction of Transferrin-Coated Liposomes for In Vivo Transport of Exogenous DNA to Bone Marrow Erythroblasts in Rabbits," given as a communication at the NATO Advanced Studies Institute Conf., Cape Sounioin Beach, Greece, June 20-July 1, 1983.		

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	AT	STRYER, "Reversible Interactions of Biomolecules are Mediated by Three Kinds of Noncovalent Bonds," <i>Biochemistry</i> , 1995, pp. 7, 8, 33-40, 938-939. W.H. Freeman and Company, New York.	
	AU	VERMA et al., "Gene therapy--promises, problems and prospects," <i>Nature</i> , September 18, 1997, pp. 239-242, vol. 389.	
	AV	WAGNER et al., "Transferrin - polycation conjugates as carriers for DNA uptake into cells," <i>Proc. Natl. Acad. Sci. USA</i> 87:3410-3414, May 1990.	
	AW	XU, "Transferrin-Liposome-Mediated p53 Sensitization of Squamous Cell Carcinoma of the Head and Neck to Radiation <i>In Vitro</i> ," <i>Human Gene Therapy</i> , 8:467-475, March 1, 1997.	
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